

17. The integrated circuit device of claim 15 wherein the ionic solution is an aqueous solution having buffering capacity such that protons and hydroxyl ions are buffered.

18. The integrated circuit device of claim 17 wherein the electrode acts to generate electrochemical protons or hydroxyl ions, and wherein the electrochemical reactants react with the buffering capacity to limit regions of pH changes within the ionic solution.

19. The integrated circuit device of claim 15 wherein the electrodes within the substrate material but exposed to the ionic solution are separately addressable.

20. The integrated circuit device of claim 15 wherein the means for generating an electric field within the layer of substrate material is established by a getter structure.

21. The integrated circuit device of claim 20 wherein the getter structure is circumferential to the electrode.

22. The integrated circuit device of claim 20 wherein the getter structure is made from a conductive material--

#### **REMARKS**

Applicant respectfully requests reconsideration of the above-identified patent application in view of the foregoing amendment and following remarks. Applicant has canceled claims 1-14 (all of the claims previously pending) and has added claims 15-22. The new claims are disclosed in and supported by the specification. Specifically, claim 15 is supported for substrate material element on pages 24-25, for semiconductor device having an electrical element in the paragraphs spanning pages 16-17 and 22-23, for the electrode throughout the specification and, for example, on pages 15-16, and for the means for generating an electric field within the substrate material in many locations throughout the specification. Claim 16 is supported by the electrodes shown in the figures. Claims 17 and 18 are supported by the parent specification, the paragraph spanning pages 23-24, and page 30 line 31 to page 32 line 29. Claim 19 is supported by the parent specification and page 32 line 30 to page 35 line 17. Claims 20-22 are supported in the specification, for example, from page 18 line 26 to page 23 line 33. No new matter has been added. Entry of the foregoing amendment is respectfully requested. Claims 15-22 are pending.

#### **Claim Objections**

The Examiner objects to claim 5 for reading: "a source of ions" rather than "said source of ions." Examiner's objection is now moot as claim 5 has been cancelled.